BILL NO. S-75-04- 03

2 3

1.5

SPECIAL ORDINANCE NO. S- 61-75

AN ORDINANCE approving a certain bid document for purchase of equipment for Traffic Engineering Department

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. A certain bid document Ref. 639 dated March 19, 1975 between the City of Fort Wayne, by and through its Mayor and the Traffic Engineering Department and ELLIOTT EQUIPMENT CORPORATION, for:

1 Solid State Eight Phase Quad Left Controller \$10,957.50 as more specifically set forth on said bid document Ref. 639 and Purchase Order No. 3-30350, which are on file in the office of the Department of Purchasing, and are by reference incorporated herein, made a part hereof and are hereby in all things ratified, confirmed and approved.

SECTION 2. This Ordinance shall be in full force and effect from and after its passage and approval by the Mayor.

Vivian Y. Schmidt

APPROVED AS TO FORM AND LEGALITY,

Read the first time in full and on motion by . Lehman, seconded by	
, and duly adopted, read the second time by title and referred	
to the Committee on <u>fundice</u> (and the City Plan	
Commission for recommendation) and Public Hearing to be held after due legal notice,	,
at the Council Chambers, City-County Building, Fort Wayne, Indiana, on,	
the day of , 197 , at	
Otolock P.M. F.S.T.	
Date: 4/8/75 Milliam are	5-
Read the third time in full and on motion by W. Achmust,	
seconded by, and duly adopted, placed on its passage.	
Passed (4055) by the following vote:	
AYES NAYS ABSTAINED ABSENT TO-WIT	
TOTAL VOTES 8 0	
BURNS	
HINGA X	
KRAUS	
MOSES	
NUCKOLS	
SCHMADT, D.	
SCHMIDT, V.	
STIER X	
TALARICO X	
DATE: 4/22/25 Massell. Mission and	~
Passed and adopted by the Common Council of the City of Fort Wayne, Indiana,	
as (Zonine Map) (General) (Apprecial) (Appropriation) Ordinance	
(Resolution) No. J. 6/- 75 on the Zaulay of April, 1975.	_
ATTEST: (SEAL) James Siffer	
CITY CLERK PRESIDING OFFICER	
Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the	シ
day of april , 1975, at the hour of Mills o clock	
Miles Miller Contraction	e.
Approved and signed by me this 23 Mday of 1975,	
at the hour of 2.00 o'clock 2.00 M.E.S.T.	
at the nour of divergence of clock	
mal process	

Aug. 1 (Aug.) 1 (Aug.

Bili NO.	
REPORT OF THE COMMITTEE ON FINANCE	_
We, your Committee on finance to whom was referred an Ord	linance
approving a certain bid document for purchase of equipment for Tra-	fic
Engineering Department	*
b	-
	-
; · · ·	
have had said Ordinance under consideration and beg leave to report back to	the Common
Council that said Ordinance AC PASS.	
Vivian G. Schmidt - Chairman (Linear) H. Her	1
William T. Hinga - Vice-Chairman William T.	June)
	. 7
John Nuckols John Hulliot	t 10
Winfield C. Moses, Jr.	(PES UK
Paul M. Burns and Annual CONCURRED IN	De La como incomo de la como de l
DATE CHARLES W. WESTERMAN, CITY CL	ERK

5-75-04-03

memo from

Purchasing Department



March 21, 1975

Traffic Engineering Department Room 740 - City County Building One Main Street - Fort Wayne, Indiana

Attention: Steve Davis

Bid Reference No. 639

We have awarded this bid to Elliott Equipment Corporation:

One (1) Solid State Eight Phase Quad Left Controller - P. O. No. 3-30350 in the amount of \$10,957.50

Tabulation Sheet Enclosed

Please prepair for Councilmanic Approval

TABULATION OF BID:	17	1.5	4.1	
BID REF. 639	One (1) Solid State Eight Phase Quad. Left			
CLOSING DATE 3/19/75 Traffic Engineering	Controller			
Traffic Control Corp.				
Bell & Gustus, Inc. No-A/F Check 2/4360 MbN-coll-OK 1,303,33	13, 033, 29 FRAM 30 DAYS flow BIO OPENING DATE			**. **.
A/F- Micample7 c Crescent Electric Supply	# 500 8000 Charse Himes.			
Nen-COLL -OK BID BOND TOK	120 DAYS ARO 14R WHERENTY			; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
A/F-oK Elliott Equipment Corp.	#2000 SINGER 10, 957,50			
USU-COLL-OK BID BOND-OK	45-60 Dry ARO. 14R WARRENTY			+
			-	v
	·	-	At Denetroff To Wooner 3/19/75 @11:00	

FORM DP-3
APPROVED BY THE STATE BOARD
OF ACCOUNTS FOR THE CITY OF
FORT WAYNE 1985.

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES NUMBER ONE EAST MAIN STREET ROOM 470

FORT WAYNE, INDIANA 46802
MAIL ALL CORRESPONDENCE, CLAIM VOUCHERS FTC. TO:

Traffic Engineering Department
Room 740 - City County Building
 One Main Street - Fort Wayne, Indiana
· ·
Elliott Equipment Corporation 2169 North Sherman Drive Indianapolis, Indiana

DELIVER TO:-

DEPARTMENT DR DIVISION__

Traffic Engineering Department Operations
1730 South Lafavette Street

Fort Wayne, Indiana 46803

CASH DISCOUNT TERMS % IF PAID WITHIN DAYS FROM DELIVERY AND
ACCEPTANCE OF GOODS OR PERFORMANCE OF SERVICES. [DEDUCTION FOR DISCOUNT SHOWN BELOW]

PURCHASE ORDER NUMBER

30350ii

March 21, 1975

REF. NO. 21-11

THE ABOVE INFORMATION MUST APPEAR ON ALL INVOICES, BILLS OF LADING, DELIVERY TICKETS, PACKAGES AND CORRESPONDENCE.
INVOICE IN DUPLICATE.

THIS PURCHASE ORDER ISSUED BY:

DATE }

OATE

QUANTITY AMOUNT UNIT MATERIALS, SUPPLIES OR SERVICES TAX EXEMPT (UNLESS OTHERWISE INDICATED) COMPLIANCE WITH THE DELIVERY OATE REQUESTED WILL A-VOID "FOLLOW UP" CORRESPONDENCE, Solid State Eight Phase Quad Left Controller \$10.957.50 NOTE 4 Per Bid Reference No. 639 READ INSTRUCTIONS ON THE BACK OF THIS ORDER Subject to Councilmanic Approval THE CONTRACTOR OR VENDOR, BY ACCEPT-ING THIS ORDER, A-GREES TO THE GEN-ERAL CONDITIONS AND TERMS OF AGREEMENT ON THE BACK OF THIS ORDER. UNLESS OTHERWISE NOICATED THE PRICES SHOWN INCLUDE ALL CHARGES FOR DELIV-ERY, PACKING, ETC., NECESSARY TO COM-PLETE DELIVERY TO DESTINATION SPECI-UNLESS OTHERWISE INDICATED THE PRICES SHOWN DO NOT INCLUDE TAXES OF ANY KIND. EXEMPTION BLANKS WILL BE FURNISHED WHEN NECESSARY. d EXEMP, CERTIF. NO. IF THIS ORDER DOES NOT AGREE WITH YOUR OUDTATION KINDLY RETURN IT WITH AN ATD/ab EXPLANATION.

I HEREBY CERTIFY THAT THE COST OF THE ABOVE PURCHASE IS FULLY COV-ERED BY UNEXCUMBERED BALANCES IN THE ABOVE FUNDS AND THAT THE EXPENDITURE THEREFOR HAS BEEN QULY AUTHORIZED AND APPOPRIATED.

I HEREBY CERTIFY UPON MY DWN PERSONAL KNOWLEDGE THAT THIS ORDER IS AUTHORIZED BY A PROPERLY EXECUTED AND APPROVED REQUISITION ON FILE IN THIS OFFICE.

Edward G. Kamnikar--- City Controller

Alex T. Demetroff -- Director of Purchases

Per

Per

DEPARTMENT OF PURCHASES Number One Main St., Ft. Wayne, Ind.

		INVIT	ATIC	N					
Quotations, subject to the conditions	on the	reverse	hereof,	are	requested	l on	the fo	llowing	list
materials, supplies, equipment or servi	ices, for	the depa	riment :	as me	ntioned,	with	deliver	y to des	tinat
as shown below. Quotations shall inc	lude all	charges !	for deliv	ery.	packing,	eto.	Addres	s your	Lebil

Date __March 4, 1975 Date wanted _

*Mail all replies and A.T.Demetorff = 423-7037 DEPARTMENT OF PURCHASES Room 470 , Number One Main St., Ft. Wayne, Ind.

Wednesday - March 19, 1975 - 11:00 A.M.

Page_1 of 17

Ref. No. __639

Fund 770-7-726-11

Appropriation No. .

REQUIRED FOR DELIVERY TO: Department

Closing

Traffic Engineering Department or Division Room 740 - City-County Building

One Main Street - Fort Wayne, Indiana 46802

RETURN ORIGINAL TO THE CITY - RETAIN DUPLICATE COPY FOR YOUR FILE

Time of Bids. TAIRS: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA BALES TAX EXPAPTION CERTIFICATE NUMBER IS NO. 14408. FAICES SHOULD NOT INCLUDE THESE TAIRS. See "Instructions to Bidders" No. 10 on reverse bereof for details. TAX EXEMPT (Unless otherwise indicated)

eastity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
1		Solid State Eight Phase Quad. Left Controller, per attached Specifications. The enclosed non-collusion affidavit must be properly executed		
		and returned as part of your bid. Each Bidder must submit a written Affirmative Action Program with		
		his or her bid, or have on file with E.E.O. Office. To be Delivered to Traffic Engineering Operations, 1730 South		
		Lafayette, Fort Wayne, Indiana. Price to be Firm.		
		Firm Price	, \$	10,957.50
Bid Bond	required	NO YES 10% Performance Bond □ □ 100	1%	

Bid Bond required						-	
		See .	natruction item No. 1	6 on reverse side her	eof.		
			20 1	. 3-11		-4	national to mattalarman we share
Terma Net %	cash discount	ni naid within	Judays from	n delivery and	acceptance	OT R	oods or completion of services.
201111111111111111111111111111111111111	Curri dicacam.						

PROPOSAL OR BID

Delivery of any or all of the items or completion of services indicated shall be made within 6 days from receipt of order 2 As delivery may be a deciding factor in the award of an order, it is important that bidders IMPORTANT E

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•	ELVOT EQUIPMENT, CORPORATION
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	Per True Dresident
	Per Jungani Landy and Carlotte Land Land and Carlotte Land Land Land Land Land Land Land Land
	Addres 2169 N. Sherman Drive
	Indianapolis, Indiana 3/17/7

Solid State Eight Phase Quad. Left Controller.

Manufacturer's Name <u>SINGER TRAFFIC CONTROLS</u>	-
Model Number 2000	y.
Warranty One Year	
Firm Price \$ 10,957.50	
TermsNet Thirty Days	
Delivery 45-60 Days After Receipt of Order.	

(1) Singer #2000 Solid State Digital 8 Phase Traffic Controller in Singer "P" Size Cabinet. Four Main Phases with Density Timing. Pedestrian Timing with Flashing Don't Walk. Eight T.D.S. LD-328 Loop Detectors wired in Cabinet. Vent Fan, Convenience Outlet, ect.

Cabinet wired for emergency pre-timed operation- extra cable - (Wired for Econolite pre-timed controller)

SPECIFICATION

SOLID STATE, MODULAR CONSTRUCTION, EIGHT PHASE QUAD-LEFT-TURN CONTROLLER, VEHICLE ACTUATED WITH OVERLAPPING LEFT TURN AND NON-CONFLICTING THRU MOVEMENT AND COMPLETE PHASE SKIPPING OF ALL UNCALLED PHASES.

SECTION I. PURPOSE

The purpose of this specification is to describe minimum acceptable design and operating requirement for a transistorized traffic actuated controller for intersections where detectors may be used on all approaches and where traffic is controlled in eight movements or phases. The controller assembly shall employ separate phase module construction. Each phase module shall contain all vehicular circuits and timing functions for a single movement or phase.

Components

- 1.1 The controller assembly shall consist of eight separate phase timing function modules; and one power supply and connector unit installed in an extruded aluminum enclosed mounting frame.
- 1.2 The Phase Timing Units shall be separate plug-in modules and similar plug-in assemblies shall be interchangeable between controllers. Printed circuits shall be of epoxy with extra heavy (2 ounce or better) copper track. Circuit boards shall be coated or tinned.
- 1.3 All timing circuits shall consist entirely of solid state electronic circuitry. No vacuum or gaseous tubes shall be used in any timing circuits.
- 1.4 Switching functions shall be accomplished through the use of solid state electronic circuitry. No electro-mechanical devices, such as camshafts, rotary, stepping or line switches shall be used for switching functions.
- 1.5 Relays or Solid State Signal Control Units for signal load switching shall be used for opening and closing signal light circuits. Relays of Solid State Signal Control Units used for this purpose shall be external to the controller, shall be jack-mounted and interchangeable.
- 1.6 All components shall be amply derated with regard to heat dissipating capacity and rated voltage so that, with maximum ambient temperature and maximum applied voltage material shortening of life or shift in values shall not occur.
- 1.7 The design life of all components under 24 hours a day operating conditions in their circuit applications shall be not less than five years.

Constancy of Intervals

2.1 The controller assembly shall be of such design that the length of any interval, portion, period or unit extension shall not change by more than 5 per cent or 1/2 second, whichever is larger, if the A.C. supply voltage varies between the limits of 10 per cent above and 15 per cent below the rated voltage or the ambient temperature within the cabinet housing the controller varies between minus 30°F and plus 165°F. This performance shall be obtained without the use of any heater elements.

6. Wiring

- $6_{\rm A}1$. All cabinet wiring shall be neat and firm. The cabinet shall mount at least:
 - A) Terminal with fuse receptacle and fuse for power supply line.
 (30 AMP Minimum)

6. Wiring cont'd.

- B) Terminal, unfused, for neutral side of power supply line.
- C) Terminals for conductors of signal light cables; one for each signal circuit and one or more terminals for the common conductors.
- D) 7- Terminals for each detector cable.
- E) Mounting bases for Signal Relays or Solid State Signal Control Units.
- 6.2 The controller equipment and terminals shall be so arranged within the cabinet that they will not upset the entrance, training and connection of incoming conductors.
 - 6.3 All Field terminals shall be suitable identified.
- 6.4 The outgoing traffic control signal circuits shall be of the same polarity as the line side of the power supply; the common return of the signal circuits shall be of the same polarity as the ground side of the power supply.
- $6.5\,$ The grounded side of the power supply shall be grounded to the controller cabinet in an approved manner.

7. Interval Sequence

 $\begin{tabular}{ll} {\bf 7.1} & {\bf The \ controller \ shall \ provide \ the \ following \ sequence \ in \ each \ phase \ module: \end{tabular}$

Thru Phases:

Min. Initial
Walk
Passage Time
Pedestrian Clearance
Gap Reduction
Maximum Green
Yellow Clearance
All-Red Clearance.

Left Turn:

Min. Initial Vehicle Extension Maximum Green Yellow Clearance All-Red Clearance

8. Interval Setting and Adjustment

8.1 The controller shall provide for the setting up of each interval or period by means of setting a timing selector. The timing selectors shall set the time in seconds and shall give a clear visual indication of the length of each interval or period.

Interval Setting and Adjustment cont'd.

- 8.2 The timing selectors for each phase shall be on the front of the Phase Timing Units. They shall be easily identifiable and it shall not be necessary to remove or change wires or contacts or to use any tools in making interval adjustments.
- 8.3 Minimum allowable range of adjustment of the timing selectors on each Phase Unit shall be as follows:

THRU PHASE MODULES		LEFT-TURN MODULES	
TITLE	RANGE	TITLE	RANGE
Min.Initial Passage time Minimum Gap Time to Reduce Gap Max Green Walk	2 to 25 sec. 1 to 9 sec. 1 to 9 sec. 20 to 90 sec. 20 to 90 sec. 2 to 25 sec.	Min.Initial Vehicle Extension Vehicle Clearance All-red Clearance Maximum Green	2 to 25 sec. 2 to 25 sec. 2 to 9 sec. 0 to 9 sec. 20 to 90sec.
Pedestrian Clearance Vehicle Clearance	5 to 35 sec. 2 to 9 sec.	5.4	

All-red Clearance 9. Indicator Lights

- 9.1 Each Phase Control Unit shall have indicator lights to show which Phase Unit is waiting and which Phase Unit is presently in control.
 - 9.2 Each Phase Control Unit shall have a Vehicle Actuation light.
 - 9.3 Each Phase Control Unit shall have a Vehicle Call Light

0 to 9 sec.

- 9,4 Each Phase Unit with pedestrian timing shall have a Pedestrian Call Light.
- 9.5 The Main Frame shall have one set of indicator lights for each street (Two (2) Thru Phases and Two Left Turns) to indicate what timing is in effect for that street e.g. Initial timing, Passage timing, Pedestrian timing, Maximum timing, Yellow Clearance, Red Clearance, Stop'time.

10. Signal Light Circuits

- 10.1 OPTION Plug-in Solid State signal control units shall be provided and shall be external to the controller assemble case.
 - 10.2 Thirty-two separate signal circuits shall be provided.
- 10.3 The closing or opening of signal circuits shall be positive without objectionable dark intervals, flickering of lights or conflicting signal indications. Each circuit shall have a capacity of not less than 1.2 kilowatt of tungsten lamp load at 120 volts A.C. without burning or pitting.

7

II. Recall Switches

- 11.1 All Thru Phase Timing modules shall have switches to select non-locking vehicle memory, vehicle actuation, maximum recall, minimum recall and pedestrian recall.
- 11.2 All Left-turn Phase Timing Modules shall have switches to select non-locking vehicle memory, vehicle actuation and vehicle recall.

12. Controller Output

12.1 The controller (timer) assembly output circuits shall be of the same polarity as the line side of the power source and shall be capable of driving either conventional 120 volt AC relays or solid state switches.

1. Operating Characteristics

- 1.1 Right-of-way shall not be given to any phase without actuation thereon, and in complete absence of traffic, right-of-way shall remain on the street where it was last assigned, both of the foregoing provisions, however, being subject to the exception that recall switches shall be provided which may be turned on if desired to cause the right-of-way to revert to any selected street despite the absence of traffic thereon and non-conflicting overlaps shall be automatically inserted.
- 1.2 The actuation of a detector on any phase while the right-of-way is on an opposing street shall, after the proper clearance period, cause the right-of-way to be transferred to the phase from which the actuation was received subject to the provisions of other paragraphs in this section referring to the transfer of right-of-way.
- 1.3 The clearance period for each phase shall consist of two separately timed intervals of preset duration, namely:
 - A) Yellow Clearance
 - B) All-Red Clearance which may be omitted by turning the Second Clearance Interval Timing dial on that Phase Timing Unit to its lowest position.
- $1.4\,$ $\,$ The controller shall provide complete phase skipping of any major phase not called.
- 1.5 The transfer of right-of-way from any phase, as specified above, shall take place only after the green signal has remained on that street for at least a pre-determined minimum period.
- 1.6 Actuation of a vehicle detector during the Passage Time portion of the right-of-way period for the street having the right-of-way shall cause the right-of-way to remain with that street for an additional Passage Time timed from the moment of detector actuation.
- 2.0 When the right-of-way is transferred by expiration of the Maximum Green period, the right-of-way shall be returned to that phase at the next opportunity in the cycle.
- 2.1 In the event of a power failure not exceeding 0,2 seconds duration, the controller shall continue in cyclic operation upon resumption of power.
- 2.2 In the event of a power failure exceeding one second duration, or at such time as the controller is turned on, the signal operation shall be initiated in the Artery Yellow Interval and the controller shall cycle to all phases regardless of further actuations.

3. Coordination

3.1 It shall be possible to use the controller for coordinated operation, without modifying it internally, by the simple addition of accessory equipment to the controller cabinet.

SPECIFICATION FOR CONTROLLER CABINET AND FOUNDATION

The controller cabinet shall be equal to a Type "P-]" cabinet as manufactured by Automatic Signal, Type "EL-602" cabinet as manufactured by Eagle Signal, or a Type "775" cabinet as manufactured by Econolite.

Cabinet within which the controller is to be housed shall be supplied by the manufacturer of the controller and shall be the manufacturer's model. Cabinet shall be weatherproof and shall contain the following:

Solid State Load Switches (Incandescent Lamp Load Rating of 1200 Watts w/nominal 120 volt 60 Hz)

Green conflict monitor

Multi breaker to have one (1) 10 amp breaker for controller, and one (1) 30 amp breaker for solid state load switches.

One (1) Manual shutdown switch

One (1) Manual flashing switch wired to let controller operate when signals are flashing.

One (1) two (2) circuit solid state flasher with radio interference filter, adjustable flash rates 50-60 flashes per minute with one (1) circuit for "a" Phase ambers, and one (1) circuit for red on all other phases.

One (1) convenience outlet and lamp receptacle fused and controlled by switch.

Cabinet to contain all terminal blocks, solid state load relay blocks and harnesses necessary for the correct operation of the controller within. Cabinet shall have a harness meeting NEMA standards and/or an extra harness for a pre-timed controller hook-up.

Cabinet to contain thermostatically controlled ventilating fan and vents.

Cabinet door to have police door.

Cabinet to have complete mounting assembly for mounting on ground located foundation (Type P-1).

Cabinet to be furnished with lock (pad-lock not acceptable) and two (2) keys.

Cabinet to be painted Federal Yellow.

Cabinet shall contain eight (8) vehicle detector amplifers completely wired.

Vehicle detector amplifiers shall meet the attached specification

Controller cabinet size should be adequate for housing all control equipment and accessories including detector amplifiers where used if these are not remotely located in separate cabinets. Space shall be provided for satisfactory routing and splicing of wires and cables within the cabinet. Not over 70% cabinet space shall be utilized, leaving 30% for circulation.

The controller cabinet foundation shall be a Type "P-1" foundation as shown in the Indiana State Highway Commission standard drawings.

SWD/la

Page	15	of	17
_	-	_	

Reference No. 639

NON-COLLUSION AFFIDAVIT

STATE OF INDIAN	۱A,	١,,,
MARION	IA, COUNTY	99:

The undersigned bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting, nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

ding, and that this bid is made without reference standing or combination with any other person in	e to any other bid and without any agreement, un reference to such bidding.	der-
He further says that no person or persons, findirectly, any rebate, fee, gift, commission or the	rms, or corporation has, have or will receive direct hing of value on account of such sale or contract	y or
	RUSSELL C. ELLIOTT Bidder or Agent	
	For ELLIOTT EQUIPMENT CORPORATION	!
Subscribed and sworn to before me this	7th day of March 19	7.5
My Commission Expires Suly 23 1977	Connie S. Baker	

BID CHECK (ALTERNATE FORM OF SURETY):

Cashiers | Check No. .

Witnessed by:

In compliance with the foregoing invitation to bid and subject to all of the conditions thereof the undersigned offers and agrees, if this bid is accepted within a reasonable time from date of opening of bids, to enter into a contract in accordance with the prices stated herein.

The Legal Advertisement, General Conditions, Instructions to Bidders, Information for Bidders, Special Conditions, Specifications, and Plans applying form a part of this proposal.

This proposal is supported by the following bid surety as required by law and signatures affixed thereto constitute

	The second secon		
BID SURETY (REQUIRED BY LAW):			٠,

BOND FORM: (USE THIS BOND FORM—NO ALTERNATE FORM OF BOND WILL BE CONSIDERED).

to be paid on demand to said City of Fort Wayne, its successors and assigns for which payment well and truly to be made, we hereby bind ourselves, our heirs, successors, executors, and administrators, jointly and severally firmly by these presents.

The condition of this obligation is such that if the bid or proposal attached hereto and made a part hereof and submitted to the within named division of the City of Fort Wayne or its duly constituted agent, is accepted and a contract awarded to the undersigned bidder and the said bidder shall within ten (10) days after notice of said award ento a contract with the said City of Fort Wayne, State of Indiana, and shall secure the performance of the same by bond or otherwise as may be required to the satisfaction of the City of Fort Wayne, Indiana then this obligation shall and unliand void; otherwise to be in full force and effect.

If a corporate surety is furnished, it is necessary

, in the sum of

that a certificate authorizing the "attorney-in-fact"

Name of Company - Print or Type

In the State of: Boston, Massachusetts

3-17-

to sign the bond accompanying the same.

n		Bank
fs herewith submitted and deposited in lieu of bond un	don the game to	www.and.conditions as set forth in the shows hond.
	der the same to	This and conditions as act total in the above total
Note: If Check is used as Bid Surety-Attach here.		
•		. =
* - *	- 1	ELLIOTT EQUIPMENT CORP.
SIGNATURES (BID SURETY AND PROPOSAL):		Name of Bidder-Print or Type
Witnessed by:	1	Bigneture of Person Authorized to Sign
	BIDDER AND	Title PRESIDENT
OTHER PARTIES INTERESTED IN THIS PROPOSAL	PRINCIPAL	2169 N. Sherman Dr.
(See 14-Signatures under General Conditons, etc.)		/ Street Neme and Number
List all Parties if Partnership		Indiánapolis, Ind. 46218
		City, Stete and Zip Code
		Date. March 17, 1975
		/ LIBERTY MUTUAL INSURANCE COMPANY

SURETY

the act of han there, o the first and undertake, and any princet

therein, and they have no authority to bind the Company except in the manner and to the extent therein stated, LIBERTY MUTUAL INSURANCE COMPANY BOSTON, MASSACHUSETTS

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That Liberty Mutual Insurance Company, a corporation of the Commonwealth of Massachusetts, pursuant to and by authority of the By-law and Authorization hereinafter set forth, does hereby name, constitute and appoint

Pemela I. Kreisher of Indianapolis, Indiana
its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety, and as its act
and deed: all undertakings, bonds or other surety obligations commonly referred to or in the nature of a Lost Instrument Bond: and all other undertakings, bonds, recognizances or other surety obligations in a penal sum of not more than ONE HUNDRED THOUSAND DOLLARS (\$100,000.)

and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said company as fully and amply as if they had been duly executed and acknowledged by the regularly elected officers of the company at its office in Boston, Massachusetts, in their own proper persons,

That this power is made and executed pursuant to and by authority of the following By-law and Authorization: ARTICLE XV. - Section 5. - Execution of contracts, surety bonds and undertakings.

The president or a vice-president or an assistant vice-president authorized for that purpose in writing by the president and the secretary or an assistant secretary authorized for that purpose in writing by the president, subject to such limitations as the board may prescribe, shall appoint such attorneys-in-fact as may be necessary to act in behalf of the company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the company by their signature and execution of any such instruments and to attach thereto the seal of the company either by an impression of the seal or by the attachment of a seal of paper or other similar substances bearing a facsimile impression of the seal. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

By the following instrument the president has authorized the officers named therein to appoint attorneys-in-fact: Vice President Allan L. Dow, Vice President Joseph N. Myers, and Assistant Secretary Hugh R. Cary are hereby authorized to appoint such attorneys-in-fact as may be necessary to act in behalf of the company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations; subject, however, to the limitation that the penal sum in which surety obligations, other than Lost Instrument Bonds and Guaranty Contracts required to be filed with the State of Oregon Workmen's Compensation Board, may be executed by attorneys-in-fact appointed under the provisions of Section 5 of Article XV of the By-Laws shall not exceed \$1,000,000.

That the By-law and the Authorization above set forth are true copies thereof and are now in full force and effect.

IN WITNESS WHEREOF, this instrument has been subscribed by its authorized officer and the corporate seal of the said Liberty Mutual Insurance Company has been affixed thereto, in Boston, Massachusetts, this March 1974.

By Hugh R. Cary COMMONWEALTH OF MASSACHUSETTS COUNTY OF SUFFOLK

On the 13th On the 13th day of March , 1974 , before me personally came the individual, to me known to be the therein described and authorized officer of Liberty Mutual Insurance Company, the corporation described in and which executed the above instrument, who, being by me duly sworn, did depose and say that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; and that said corporate seal and his signature subscribed thereto was duly affixed and subscribed to the said instrument by authority and direction of the said corporation.

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my official seal at Boston, Massachusetts, the day and year first above written. anthony . Messo

October 31, 1980

Certificate

Hugh R. Cary Assistant Secretaryof Liberty Mutual Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by said Liberty Mutual Insur-ance Company on March 13, 1974, and that the same has been in full force and effect since that date , 19 74, and that the same has been in full force and effect since that date and is in full force and effect on the date of this certificate.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and caused the corporate seal of the company to be affixed to this 19 75. hereto this

Q105-A RID 172 Printed in Visa.

REQUEST FOR PUBLICATION

Sentinel Journal Gazette	
Gazette '	
Other	

Kindly publish the following advertisement on the dates as shown and issue invoice to *

DATE March 4, 1975

* Department

Traffic Engineering Department
Room 740 - City County Building
One Main Street - Fort Wayne, Indiana

Department of Purchases City of Fort Wayne

BIDS WANTED - REFERENCE NO. 639

Sealed Proposals will be received by the City of Fort Wayne at the Office of Department of Purchases, Number One Main Street, Room 470, Fort Wayne, Indiana, until Wednesday - March 19, 1975 - 11:00 A.M. for the following items:

1 (One) Solid State Eight Phase Quad. Left Controller

Each Bidder must submit a written Affirmative Action Program with his or her Bid, or have on file with E.E.O. Office,

Bid Forms, specifications, etc., may be obtained upon application at the office and address given above.

10%

10%

must be submitted with the bid.

Department of Purchases City of Fort Wayne By A.T. Demetroff Director of Purchases

INSERT 1st RUN REPEAT 2nd RUN Type of Advertising Required

3-7-74 3-14-75 IEGAL NOTICE

DIGEST SHEET

J - 75-04-03.

Iler, Elliott Equipment Corp.

TITLE OF ORDINANCE Contract Approval: Eight Phase Controller, Elliott Equipment
DEPARTMENT REQUESTING ORDINANCE Traffic Engineering Department
SYNOPSIS OF ORDINANCE Purchase of one (1) Solid-state, eight phase, quad left
Controller to be installed at the intersection of Lower Huntington Road and Baer Field
Thruway for signal control.
3
EFFECT OF PASSAGE This will correlate with the Lower Huntington Rd. widening
Field Thruway in addition to those movements now being serviced.
EFFECT OF NON-PASSAGE The current signal controller would remain in operation,
not allowing protected left turns off Lower Huntington Rd. at the Baer Field Thruway.
With the widened pavement it would mean undue delays and increased accident experience.
MONEY INVOLVED (Direct Costs, Expenditures, Savings) \$10,957.50
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ASSIGNED TO COMMITTEE (J.N.) Friend JM